

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
**M. NUMAGUCHI, et al.**

Serial No.: **To Be Assigned**

Art Unit: **To Be Assigned**

Filed: **Concurrently herewith** Examiner: **To Be Assigned**

For: **ANTIBACTERIAL GLASS COMPOSITION AND  
ANTIBACTERIAL POLYMER COMPOSITION USING THE SAME**

**INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. §§ 1.56, 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

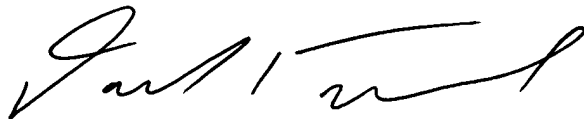
Sir:

In compliance with the dictates of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants hereby submit an Information Disclosure Statement.

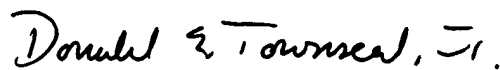
It is respectfully requested that the Examiner consider each of these references and indicate such consideration by enclosing an appropriately initialed copy of the enclosed form PTO-1449 with the next communication from the Patent Office.

No office action has been received as of this date in this application. Therefore, it is believed that no fee is required for the filing of this Information Disclosure Statement. However, the Commissioner is hereby authorized to charge any fee necessary for the filing of this document to Deposit Account No. 20-1424.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Donald E. Townsend".

Donald E. Townsend  
Reg. No. 22,069

A handwritten signature in black ink, appearing to read "Donald E. Townsend, Jr.". There is a small mark at the end of the signature.

Donald E. Townsend, Jr.  
Reg. No. 43,198

Date: November 26, 2003

TOWNSEND & BANTA  
601 Pennsylvania Avenue, N.W.  
Suite 900, South Building  
Washington, D.C. 20004  
(202) 220-3124

<b>INFORMATION DISCLOSURE CITATION</b>  <i>(Use several sheets if necessary)</i>	Atty. Docket No. <b>SUG-021-USA-P</b>	Serial No. <b>To Be Assigned</b>
	Applicants: <b>M. Numaguchi, et al.</b>	
	Filing Date: <b>November 26, 2003</b>	Group: <b>To Be Assigned</b>

**U.S. PATENT DOCUMENTS**

*Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	EP	1116700	7-18-01	Europe			X	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Page, Etc.)**

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<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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**\*Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	JP	7300339	11-14-95	JAPAN			Abstract	
	JP	8012512	1-16-96	JAPAN			Abstract	
	JP	8048539	2-20-96	JAPAN			Abstract	
	JP	2001-247336	9-11-01	JAPAN				X

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Page, Etc.)**

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